More Usable Energy
90% Depth of Discharge

Flexible Investment
15.36kWh Modular Design
Scalable from 15.36 to 967.68kWh

Safe & Reliable
Lithium Iron Phosphate Cell

Easy Operation
LCD Display + 4 buttons

Quick Commissioning

Perfect Compatibility
Compatible with DEYE, GOODWE, GROWATT, SOLIS, SOFAR, LUXPOWER, TBB ... hybrid inverter

LVTOPSUN

Model	LVTS-512300

Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	300 Ah
Battery Energy	15.36 kWh
Charge Current	150 A
Charge Power	7680 W
Discharge Current	200 A
Discharge Power	10240 W
Short Circuit Current	540 A

Communication	
Display	SOC status indicator, LED indicator, LCD Display
Communication	CAN, RS485, RS232

General Specification	
Dimension(W×D×H mm)	500 x 230 x 780 mm
Weight (kg)	120 kg
Installation	Floor Stand
Working Temperature	-20 °C ~ 60 °C
Operating / Storage Humidity	≤ 95% RH
Max Operating Altitude	≤2000 m
IP Rating	IP20
Cell Technology	$LiFePO_4$, Lithium Iron Phosphate
Cycle life	6000 Cycles @ 80% DoD / 25 °C / 0.5C, 60% EOL
Scalability	Max 63 batteries in parallel

Standard Compliance (more available upon request)	
Certificates	CE, UN38.3

Ordering and Deliverable Part	
Product ordering part	LVTS-512300 BaMery (Cable included)